

1-8-02 RUSSELL CITY ENERGY CENTER

26 AC

Wetland Mit. Plan 1.68 AC seas. wetlands impact \rightarrow Mitigation @ KEAT (Waste Mgt.)

Don't \rightarrow EBRPD for mgt. + Endowment fund \rightarrow create at least 1.68 AC seas. wetland.

- move berm - expand existing freshwater marsh to provide 111 mit for loss of 1.68 AC of fresh water marsh.

- breach levee to enhance ~~tidal~~ circulation of fresh water from storm drain

- Upland enhancement.

\rightarrow How might this affect veg. comp. in this area. Redirecting flow

- Hydrological Study needed.

- Noise impacts

\rightarrow HARD INT. Center \rightarrow Day Night Ave. 60 dBA

Lo Cogswell \rightarrow Day Night Ave. 50 dBA

Send for info on noise impacts.

Russell City Energy Center Mitigation Plan

Additional Needs

need to provide written comments.

- 1) First off the Service is pleased that efforts are underway to conserve additional habitat in the east bay.
- 2) There are some remaining issues that need to be addressed before we can consider this plan a final document. Additional needs are as follows:

Habitat acquisition/restoration:

- ✓ The compensation plan is too general. The plan should address specific habitat enhancement/restoration objectives (i.e., how much pickleweed, freshwater, and salt pan are proposed/desired).
- ✓ The applicant should develop and implement a restoration plan, including longterm management and place a conservation easement on the parcel(s) to be held by a 3rd party conservation organization.
- ✓ Success criteria are too general. The Service recommends specific objectives like within 5 years, the pickleweed marsh is expected to have 75% cover and dominated by 90% native species.

not discussed — ✓ discussion of formal cons. process

Air Quality:

- Concerns for potential impacts of particulate outfall such as acrolein.
- Need an analysis of potential effects to complete the section 7 process.

Perch Deterrents:

- If the purpose of the perch deterrent monitoring is to determine the effectiveness of such devices, then a longer monitoring period before and after construction should be implemented. Furthermore, a map depicting survey points should be provided to the Service.
- The applicant should accept an ongoing responsibility to address impacts to local conservation areas in conjunction with predator use associated with their facility.

Noise analysis:

- purpose is to detect behavior
4 → ∴ Existing noise level is not of concern
- We need analysis of the existing ambient noise at the adjacent marsh and anticipated levels during construction and operation. AEC doesn't have monitoring plan
 - Remedial measures should be identified if negative affects are expected.
↳ Dean says this can't be done.

not discussed

Viewshed compensation:

- The proposed kiosk may pose perching opportunities for raptors. Such structures should be fitted with Nixalite.